



MOTOR PERFORMANCE DATA

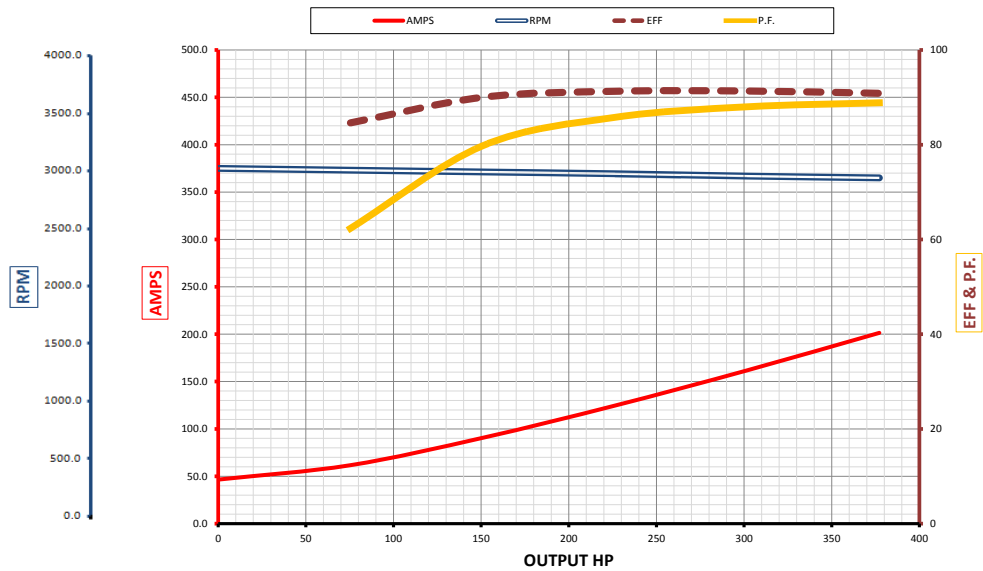
Model: **12" 2P Submersible Motor**

WATER	Type	300	HP
3	Phase	1000	Volt
1.15	S.F.	30Deg.C	Max.Amb.Water

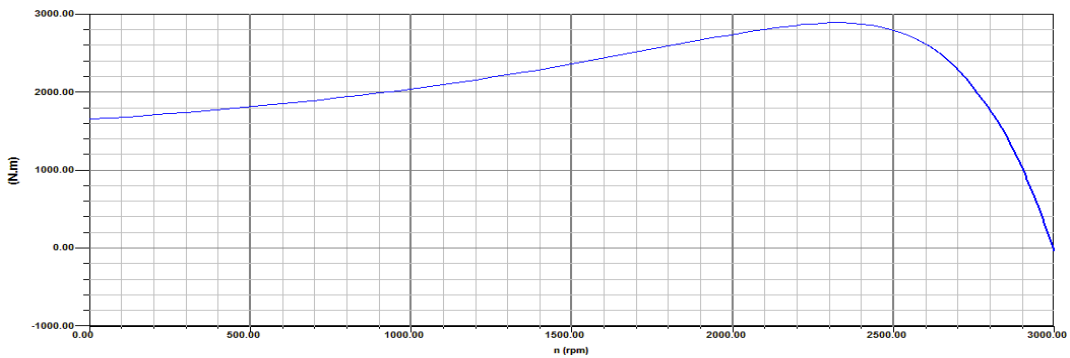
162	AMPS
2935	RPM
50	Hertz
4540	Kg Thrust Load

Date: 14/04/2015	
300	HP
2935	RPM
1050	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	733	Nm	No Load	0	0	11	0	0.14	3000	46.5
Break Down Torque	2891	Nm	25%	56	75	67	84.6	0.62	2985	61.7
Locked Rotor Torque	1653	Nm	50%	113	151	125	90.0	0.80	2970	90.6
Locked Rotor Current	971	Amps	75%	169	226	185	91.3	0.86	2955	124.6
Winding Resistance	0.18	Ohms	100%	225	302	246	91.3	0.88	2935	161.8
Weight (With Water)	840	Kg (Approximate)	125%	281	377	310	90.8	0.89	2920	201.4



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

